

Sample Student

<http://www.linkedin.com/in/Sample>

sample@mail.missouri.edu ♦ 1 Tiger Avenue ♦ Columbia, Missouri 65201 ♦ (573) 111-2222

Education

University of Missouri

Bachelor of Science in Mechanical Engineering

Minors: Aerospace Engineering; Math

Graduation: December 20__

GPA: 3.84/4.00

Work Experience

ARCO National Construction

January 20__ - August 20__

Project Engineer (CO-OP)

- Worked directly with Mechanical, Electrical and Structural Engineers with Design/Build construction
- Helped with the design, budgeting and direction of two commercial construction projects
- Assisted in submitting bids, estimates, proposals and budgets for Design/Build projects
- Reviewed and corrected Field Verified shop drawings and submissions

Autonomous Drone Project

August 20__ - July 20__

Head of Mechanical, Hardware and Software Implementation

- Implemented digital ultrasonic, temperature and pressure sensors as well as gyros and accelerometers
- Diagnosed issues with drone hardware and software development
- Utilized necessary logic and algorithms to launch, control and land autonomously
- Developed Linear Quadratic Regulator and PID systems for drone simulation and control

Fuzzy's Taco Shop

May 20__ - December 20__

Cashier

- Enhanced customers' experiences with an enthusiastic attitude and provided knowledge of menu items to ensure customer satisfaction
 - Maintained clean facilities to provide a safe, sanitary environment
-

Leadership Experience

Mizzou SURF (Students' Underwater Robotics Foundation)

August 20__ - Present

- Assisted in the design of an underwater Autonomous RoboSub in accordance with competition requirements
- Executed the design of a chassis system and motor configurations
- Utilized Solidworks to design and 3D print motor mounts and other components for the RoboSub
- Analyzed simulations to evaluate stress, buoyancy and other design factors

Mizzou Engineering St. Pat's Week: Committee Head

September 20__ - Present

- Assisted in the planning, coordination and execution of the "Engineer's Week" events
- Developed and maintained a budget of \$1500 for supplies and needs throughout the week

Mizzou Engineering Leadership Academy

August 20__ - Present

- Engaged with peers and professionals in the Engineering Field and learned leadership skills through participation in workshops and presentations

Missouri Contractors Association of America

January 20__ - May 20__

- Prepared a commercial bid for HVAC construction
 - Discussed and resolved design issues with outside manufacturers to give the best possible bid
-

Technical Skills

- | | | | |
|--------------------|---------------------|--------------|------------|
| • Matlab | • Simulink | • SolidWorks | • AutoCad |
| • Microsoft Office | • Microsoft Project | • Insite | • Bluebeam |

Sample Student

Computer Science Student

<http://www.linkedin.com/in/Sample>

1 Tiger Avenue
Columbia, Missouri 65201

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PROFILE

Proactive and dedicated engineering undergraduate student seeking an opportunity to utilize my education and skillsets in a challenging and rewarding role in the Cybersecurity Department at the University of Missouri. Motivated team member who can push others to succeed in their own roles and meet deadlines in high-pressured environments.

EDUCATION

University of Missouri

Columbia, Missouri

Bachelor of Science in Computer Science

GPA: 3.55/4.00

Anticipated Graduation:
May 20__

WORK EXPERIENCE

Support Specialist • University of Missouri IT Department •
Columbia, Missouri • August 20__ - Present

- Troubleshoot and resolve problems as they arise with 43 computing sites having software and hardware issues
- Assist students with any problems they experience with their personal computers

Desk Attendant • Shiloh Springs Golf Club •
Kansas City, Missouri • May 20__ - August 20__

- Organized information for upcoming events and tournaments taking place during the busy season
- Trained new employees on job responsibilities and expectations

KEY SKILLS

C

C++

HTML5

JavaScript

CSS

SQL

jQuery

PHP

Microsoft Word

Microsoft Powerpoint

mySQL

Amazon Instances

VOLUNTEER EXPERIENCE

Head of Service • Engineering World Health-University of Missouri •
Columbia, Missouri • September 20__ - Present

- Aided in the progress of projects for the Engineering World Health Design Competition
- Coordinated volunteering opportunities for club members to participate in to help the Columbia community

LEADERSHIP EXPERIENCE

Member • Mizzou Engineering Leadership Academy •
Columbia, Missouri • August 20__ - Present

- Engaged with peers and professionals in the Engineering Field and learned leadership skills through participation in workshops and presentations

Sample Student

573-III-2222
sample@mail.missouri.edu
1 Tiger Avenue
Columbia, Missouri

EDUCATION

University of Missouri	Columbia, Missouri
Bachelor of Science in Chemical Engineering	GPA: 3.65/4.00
Anticipated Graduation Date: December 20__	

WORK EXPERIENCE

Academic Tutor Columbia, Missouri	<i>University of Missouri</i>	January 20__ - Present
<ul style="list-style-type: none">▪ Clarified scientific concepts in the areas of mathematics, physics and chemistry for struggling students▪ Demonstrated learning and studying techniques to peer students in order to aide in improving their academic performances▪ Created unique teaching approaches based on each student's academic level and motivation		
Lifeguard Columbia, Missouri	<i>The Club at Old Hawthorne</i>	May 20__ - August 20__
<ul style="list-style-type: none">▪ Ensured the safety and respectability among patrons visiting the busy country club▪ Managed the front desk tasks when assigned and welcomed guests with enthusiasm		

COMMUNITY SERVICE

Participant Columbia, Missouri and New Orleans, Louisiana	<i>Mizzou Alternative Breaks</i>	November 20__ - April 20__
<ul style="list-style-type: none">▪ Attended bi-weekly meetings to learn the MAB principles of service and to get acquainted with other group members▪ Worked with 10 other students to fundraise for and promote our domestic service trip▪ Provided disaster relief services to the communities surrounding New Orleans who are still recovering from Hurricane Katrina and other natural disasters		

HONORS AND AWARDS

F. Robert Naka Scholarship- Awarded to high academic standing Engineering students

Engineering Dean's Honor Roll (3/3 Semesters)- Awarded to Engineering students with an average GPA of 3.0 or higher during each semester

Missouri Bright Flight Scholarship- Awarded to high academic standing high school students based on class rank and ACT scores

Curators Scholar Award- Awarded to incoming University of Missouri students with an ACT score of higher than 28

SAMPLE STUDENT

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EDUCATION

Master of Science in Mechanical and Aerospace Engineering
University of Missouri

Anticipated Graduation Date: May 20__
Columbia, Missouri

Bachelor of Science in Mechanical Engineering
Minor: Mathematics
University of Michigan

Graduation Date: May 20__
GPA: 3.74/4.00
Ann Arbor, Michigan

Engineering Study Abroad
Global Leadership

San Jose, Costa Rica
January 20__ - May 20__

- Gained exposure to how engineering is taught and interpreted on a more global scale
- Visited the University of Costa Rica to discuss their engineering curriculum and research being conducted
- Toured engineering companies such as Ad Astra, National Instruments and a hydroelectric plant
- Experienced cultural emersion living with a host family in San Jose, Costa Rica

PROFESSIONAL EXPERIENCE

Ameren Corporation Co-Op

St. Louis, Missouri

Transmission Line Maintenance/ UAS Department

January 20__ - August 20__

- Designed 138KV-345KV temporary river crossing transmission lines using PLS-CADD software to plan for emergency tower failures
- Evaluated costs on implementing new grackle conductor wire on an aging line
- Constructed an in-house drone that can be easily modified for different tasks at Ameren worksites
- Assisted in teaching A.I. models to call out issues on distribution, sub-transmission and transmission structure and lines

The Boeing Company

St. Louis, Missouri

Mechanical Engineering Intern

May 20__ - August 20__

- Developed cost models on parts and assemblies for a variety of programs across the company
- Used Coordinate Measuring Machines to take scans of parts for design recovery in PolyWorks
- Created and maintained both 3D models and technical drawings of mechanical parts in support of multiple aircraft programs within the company using NX (Unigraphics) modeling
- Reviewed requirements and supported systems engineering efforts on F-15 flight control systems

RESEARCH EXPERIENCE

University of Missouri- Dr. Javen Lin

Columbia, Missouri

Research Assistant

August 20__ - February 20__

- Focused on experimental 2D material synthesis and applications of chemical vapor deposition of carbons such as graphene
- Worked with an L-edit lithography mask design software tool
- Constructed a photolithography system which involved drafting and modifying designs of parts in SolidWorks, then machining parts in Mizzou's machine shop
- Presented on research at NASA Missouri Space Consortium Conference at Missouri S&T in April 20__

TECHNICAL SKILLS

MATLAB: Confident and skilled in programming and rendering large data files using MATLAB with Simulink

AutoCAD: Experience in drafting functions for engineering-based computer aided design

SolidWorks: 3D model creation and advanced graphical presentation practices for design purposes

Microsoft Office Suite (Office, Excel, PowerPoint, Office 365): Experienced in advanced word processing and spreadsheet creation along with data analysis

NX (Unigraphics): Creating 3D models and drawing parts for multiple aircraft programs

C Programming: Proficient in reading, writing and debugging code in these languages

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EDUCATION

University of Missouri
Bachelor of Science in Chemical Engineering
Anticipated Graduation: May 20__

Columbia, Missouri
GPA: 3.2/4.0

INTERNATIONAL EXPERIENCE

Engineering Study Abroad

Global Experience and Service Class

Cusco, Peru
January 20__

- Gained exposure to how engineering is taught and interpreted on a more global scale
- Toured engineering companies in the former Incan capitol city of Cusco
- Experienced cultural emersion visiting historical sites across Peru and communicating with locals using my knowledge of Spanish language

CAMPUS INVOLVEMENT

American Foundation of Suicide Prevention

Committee Member

Columbia, Missouri
October 20__ - Present

- Organized and acquired permits needed to ensure “Walk Day” events run smoothly
- Worked in a high stress, detail-oriented environment during “Walk Day” to provide a successful outcome for the organization

Engineering St. Pat’s Week

Committee Head

Columbia, Missouri
September 20__ - Present

- Assisted in the planning, coordination and execution of “E-Week” events
- Established a budget of \$1000 for essential supplies needed for success of the events

PROJECTS

FEaST Lab

- Performed research to improve the spray-drying process of high oleic soy for use as a value-added project

AWARDS

Missouri Bright Flight Scholarship- Awarded for outstanding academic achievement, measured by high school class rank and ACT score

Missouri Curators Scholar Award- Awarded for an ACT score of 28 or higher

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EDUCATION

Bachelor of Science in Civil Engineering
Emphasis: Environmental Engineering
University of Missouri

Anticipated Graduation: December 20__
GPA: 3.0/4.0
Columbia, Missouri

RELEVANT EXPERIENCE

Black & Veatch

St. Louis, Missouri

Engineering Water Intern

May 20__ - August 20__

- Used efficient communication, technical and problem-solving skills to adjust to the changing demands of project execution
- Contributed to water resource projects during bidding, design, preconstruction, construction and maintenance
- Served as construction management staff, engaged with job site personnel and ensured plans were executed correctly

ECOLAB

St. Louis, Missouri

Intern

May 20__ - August 20__

- Updated the company's customer facing systems based on savings reports that field representatives submitted, totaling to 1.8 million dollars
- Worked with the System Assurance Center in India to update information on controller connectivity at sites nationwide, resulting in 7% increase in information loaded to their systems
- Shadowed field representatives as they visited their plants to check on company controllers and supply of company coherence

WORK EXPERIENCE

Tiger Express Wash

Columbia, Missouri

Service Consultant

March 20__ - September 20__

- Communicated with coworkers to ensure that all interior and exterior car washing duties were performed correctly and that customers received the best service possible
- Motivated coworkers to work efficiently and in a professional manner and reported to management weekly to improve our quality of work
- Performed detailed car washes for upwards of 500 customers a day

Learfield Communications

Jefferson City, Missouri

Board Operator

April 20__ - October 20__

- Communicated directly with the sports broadcasters of Texas Tech University and relayed radio signals from each location to local stations in the Lubbock, Texas area
- Focused on sound levels, sent broadcasts to commercial breaks, and cut highlights during each Texas Tech sporting event or talk show broadcasted over the radio
- Worked under a group of at least three producers and one radio engineer during all broadcasts

LEADERSHIP AND INVOLVEMENT

American Society of Civil Engineers

Columbia, Missouri

Secretary

January 20__ - Present

- Coordinated meetings and events, ensured execution and informed all members on event details
- Accommodated guest speakers and allowed them avid time for preparation for their presentations
- Attended the Regions 3, 6 and 7 Multi-Regional Leadership Conference in 20__

TECHNICAL SKILLS

Computer: AutoCAD, Microsoft Office, WinPond, WinTR-55, HEC-HMS

Languages: Spanish (fluent), French (intermediate), English (native)